

## 7.0 REFERENCES

Arp, R. 2001. Personal communication with J. Birchfield, Alliant Corporation, Oak Ridge, TN. ORNL Sludge Disposal Costs. February 16.

American Metropolitan Sewer Association. 1995. *POTW Radionuclide Survey Results*.

City of Oak Ridge. 1994. *1993 State of Tennessee Biosolids Management Report*.

City of Oak Ridge. 1995. *1994 State Biosolids Management Report*.

City of Oak Ridge. 1996. *1995 State of Tennessee Biosolids Management Report*.

City of Oak Ridge. 1997. *1996 State of Tennessee Biosolids Management Report*.

City of Oak Ridge. 1998. *1997 State of Tennessee Biosolids Management Report*.

City of Oak Ridge. 1999. *1998 State of Tennessee Biosolids Management Report*.

City of Oak Ridge. 1999. *Oak Ridge Wastewater Treatment Plant Sludge Screening Protocol*. May.

City of Oak Ridge. 2000. *1999 State of Tennessee Biosolids Management Report*.

City of Oak Ridge. 2001. *2000 State of Tennessee Biosolids Management Report*.

DOE (U.S. Department of Energy). 1991. *Guidance for Implementation of ALARA Requirements for Compliance with DOE 5400 Series Orders: For Interim Use and Comment, Department of Energy*.

DOE. *DOE Order 5400.5, Radiation Protection of the Public and Environment. Change 2*. January 7, 1993.

DOE. 1994a. *East Fork Poplar Creek - Sewer Line Beltway Remedial Investigation Report*. DOE/OR/02-1119&D2. Prepared by Science Applications International Corp., Oak Ridge, TN; submitted to U.S. Department of Energy under Contract No. DE-AC05-91OR21950; ESC, January.

DOE. 1996. DOE-EA/1042. *Environment Assessment Proposed Changes to the Sanitary Sludge Land Application Program on the Oak Ridge Reservation*. October.

DOE. 2000. *Annual Site Environmental Report*. October.

DOE. 2000. *License for Non-Federal Use of Property, #01-0703*. October.

Duratek Federal Services. 2000. *Program Plan - Application of Sanitary Biosolids on the Oak Ridge Reservation*.

Duratek Federal Services. 2000. *Spill Response Plan - Application of Sanitary Biosolids on the Oak Ridge Reservation*.

EPA (U.S. Environmental Protection Agency). 1988. *Pathogen Risk Assessment Feasibility Study*. Office of Health and Environmental Assessment, Environmental Criteria and Assessment office, Cincinnati, OH. EPA 600/6-88-003. NTIS PB88-191440.

EPA. 1989. *Pathogen Risk Assessment for Land Application of Municipal Sludge, Volumes I and II*. Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH. EPA 600/6-90-002A,B. NTIS PB90-171901/AS and PB90-171919/AS.

EPA. 1991a. Preliminary Risk Assessment for Bacteria in Municipal Sewage Sludge Applied to Land. Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH. EPA/600/6-91/006. 204 pp.

EPA. 1991b. Preliminary Risk Assessment for Parasites in Municipal Sewage Sludge Applied to Land. Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH. EPA/600/6-91/001. NTIS PB91-182352. 114 pp.

EPA. 1992. Preliminary Risk Assessment for Viruses in Municipal Sewage Sludge Applied to Land. Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH. 189 pp.

EPA. 1993. *40 Code of Federal Regulations, Biosolids Management Regulations*.

EPA. 1997. *City of Oak Ridge Biosolids Land Application of Sewage Sludge Permit #TNL024155*.

ORNL. Boston, H.L. 1990. *The Fate of Radionuclides in Sewage Sludge Applied to Land. Environmental Contamination*. October.

ORNL. Smith, M.A. 1997. *Investigation of Radionuclides at a Sludge Land Application Site*. Ohio State University. Graduate Dissertation.

Science Application International Corporation. 1996. *Wetlands Survey of Active and Inactive Sludge Land Application Sites on the U.S. Department of Energy's Oak Ridge Reservation, Oak Ridge, Tennessee*. September.

State of Tennessee, Department of Health and Environment. November 22, 1983. *Hydrogeologic Evaluation of 5 Sites, Oak Ridge Reservation*.

State of Tennessee, Department of Health and Environment. August 24, 1989. *Hydrogeologic Evaluation of Site #9, Oak Ridge Reservation*.

State of Tennessee. 1998. *City of Oak Ridge National Pollutant Discharge Elimination System Permit #TN0024155*.

TN & Associates. 1997. *Threatened and Endangered Species Survey on ORR Biosolids Land Application Sites*. September.

WSMS-MK. 2000. *Y-12 Plant Waste Treatment Operations West End Treatment Facility Sanitary Sewer Assessment*. May 26.

10 *CFR (Code of Federal Regulations)* 20. Standards for Protection Against Radiation. U.S. Nuclear Regulatory Commission. 1960 (amended through 1995).

10 *CFR* 61. Licensing Requirements for Land Disposal of Radioactive Waste. U.S. Nuclear Regulatory Commission.

10 *CFR* 1021. National Environmental Policy Act Implementing Procedures. U.S. Department of Energy. 1987 (revised through 1992).

40 *CFR* 61. National Emission Standards for Hazardous Air Pollutants. U.S. Environmental Protection Agency. 1973 (amended through 1995).

40 *CFR* 141. National Primary Drinking Water Regulations. U.S. Environmental Protection Agency. 1975 (amended through 1995).

40 *CFR* 190. Environmental Radiation Protection Standards for Nuclear Power Operations. U.S. Environmental Protection Agency. 1977 (revised through 1991).

40 *CFR* 257. Criteria for Classification of Solid Waste Disposal Facilities and Practices. U.S. Environmental Protection Agency. 1979 (amended through 1993).

40 *CFR* 261. Identification and Listing of Hazardous Waste. U.S. Environmental Protection Agency. 1980 (amended through 1995).

40 *CFR* 503. Standards for the Use or Disposal of Sewage Sludge. U.S. Environmental Protection Agency. 1993 (amended through 1994).

40 *CFR* 1500-1508. Regulations for Implementing the Procedural Provisions of the National Environmental Policy Act. Council on Environmental Quality, Executive Office of the President. 1978 (revised through 1991).

56 *FR (Federal Register)* 30448. EPA 1991. Interagency Policy on Beneficial Use of Sewage Sludge.

58 *FR* 9247-9404. Environmental Protection Agency, 40 *CFR* Part 257 et al. Standards for the Use or Disposal of Sewage Sludge; Final Rules. February 19, 1993. 58 (32): 9247-9404.

7 *USC* (*United States Code*) 4201(b). Farmland Protection Policy Act.

33 *USC* 1345. Disposal of Sewage Sludge. 1977 as amended through 1994.